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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/756,163	01/12/2004	Gajinder Singh Vij	030640	3356

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QUALCOMM INCORPORATED  
5775 MOREHOUSE DR.  
SAN DIEGO, CA 92121

EXAMINER

DEAN, RAYMOND S

ART UNIT	PAPER NUMBER
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2618

DATE MAILED: 07/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<p align="center"><b>Office Action Summary</b></p>	<p><b>Application No.</b></p> <p align="center">10/756,163</p>	<p><b>Applicant(s)</b></p> <p align="center">VIJ ET AL.</p>	
	<p><b>Examiner</b></p> <p align="center">Raymond S. Dean</p>	<p><b>Art Unit</b></p> <p align="center">2618</p>	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 January 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1 - 44 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 - 44 is/are rejected.
- 7) ☒ Claim(s) 1,20 and 39 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Objections***

1. Claims 1, 20, 39 are objected to because of the following informalities: the word "sending" in Claim 1 is misspelled. Claim 20 should depend on Claim 19 as opposed to Claim 1 for proper antecedent basis. Claim 39 should depend on Claim 35 as opposed to Claim 25 for proper antecedent basis. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1 – 44 are rejected under 35 U.S.C. 102(b) as being anticipated by Hall et al. (6,032,051).

Regarding Claim 1, Hall teaches a method for sharing user information in a wireless communication network, the method comprising: sending an alert from an originator to a target, the alert including information about the originator and requesting information about the target (Figure 4, Col. 3 lines 29 – 43); receiving information by the originator from the target in response to the alert (Figure 4, Col. 3 lines 29 – 43), and updating information in the originator about the target, based on the received

information (Cols. 2 lines 1 – 9, 3 lines 29 – 43, in order for the originator (A) to be able to monitor the status of a member or members of a group said originator (A) will update the status information of said member or members upon receiving the PONG message).

Regarding Claim 7, Hall teaches a computer-readable medium embodying codes for implementing a method for sharing user information in a wireless communication network (Cols. 3 lines 4 – 15, 5 lines 65 – 67, 6 lines 1 – 2), the method comprising: sending an alert from an originator to a target, the alert including information about the originator and requesting information about the target (Figure 4, Col. 3 lines 29 – 43); receiving information by the originator from the target in response to the alert (Figure 4, Col. 3 lines 29 – 43), and updating information in the originator about the target, based on the received information (Cols. 2 lines 1 – 9, 3 lines 29 – 43, in order for the originator (A) to be able to monitor the status of a member or members of a group said originator (A) will update the status information of said member or members upon receiving the PONG message).

Regarding Claim 13, Hall teaches an apparatus for sharing user information in a wireless communication network, comprising: means for sending an alert from an originator to a target, the alert including information about the originator and requesting information about the target (Figure 4, Col. 3 lines 29 – 43); means for receiving information by the originator from the target in response to the alert (Figure 4, Col. 3 lines 29 – 43), and means for updating information in the originator about the target, based on the received information (Cols. 2 lines 1 – 9, 3 lines 29 – 43, in order for the

originator (A) to be able to monitor the status of a member or members of a group said originator (A) will update the status information of said member or members upon receiving the PONG message).

Regarding Claim 19, Hall teaches an apparatus for sharing user information in a wireless communication network, comprising: a memory unit (Figure 3, Col. 3 lines 9 – 11); a receiver; a transmitter (Figure 3, Col. 3 lines 11 – 15, in order to communicate bi-directionally the wireless communication device (31) must have a transmitter and receiver); and a processor coupled to the memory unit, the receiver, and the transmitter (Cols. 5 lines 65 – 67, 6 lines 1 – 2), the processor being capable of: sending an alert from an originator to a target, the alert including information about the originator and requesting information about the target (Figure 4, Col. 3 lines 29 – 43); receiving information by the originator from the target in response to the alert (Figure 4, Col. 3 lines 29 – 43), and updating information in the originator about the target, based on the received information (Cols. 2 lines 1 – 9, 3 lines 29 – 43, in order for the originator (A) to be able to monitor the status of a member or members of a group said originator (A) will update the status information of said member or members upon receiving the PONG message).

Regarding Claim 25, Hall teaches a method for sharing user information in a wireless communication network, the method comprising: sending at least one alert from an originator requesting information about at least one target user (Figure 4, Col. 3 lines 29 – 43); receiving information by the originator in response to the alert (Figure 4, Col. 3 lines 29 – 43), and updating information in the originator about the target the

target user, based on information received (Cols. 2 lines 1 – 9, 3 lines 29 – 43, in order for the originator (A) to be able to monitor the status of a member or members of a group said originator (A) will update the status information of said member or members upon receiving the PONG message).

Regarding Claim 30, Hall teaches a computer-readable medium embodying codes for implementing a method for sharing user information in a wireless communication network (Cols. 3 lines 4 – 15, 5 lines 65 – 67, 6 lines 1 – 2), the method comprising: sending at least one alert from an originator requesting information about at least one target user (Figure 4, Col. 3 lines 29 – 43); receiving information by the originator in response to the alert (Figure 4, Col. 3 lines 29 – 43), and updating information in the originator about the target user, based on the information received (Cols. 2 lines 1 – 9, 3 lines 29 – 43, in order for the originator (A) to be able to monitor the status of a member or members of a group said originator (A) will update the status information of said member or members upon receiving the PONG message).

Regarding Claim 35, Hall teaches an apparatus for sharing user information in a wireless communication network, comprising: means for sending at least one alert from an originator requesting information about at least one target user (Figure 4, Col. 3 lines 29 – 43); means for receiving information by the originator in response to the alert (Figure 4, Col. 3 lines 29 – 43), and means for updating information in the originator about the target user, based on the information received (Cols. 2 lines 1 – 9, 3 lines 29 – 43, in order for the originator (A) to be able to monitor the status of a member or

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members of a group said originator (A) will update the status information of said member or members upon receiving the PONG message).

Regarding Claim 40, Hall teaches an apparatus for sharing user information in a wireless communication network, comprising: a memory unit (Figure 3, Col. 3 lines 9 – 11); a receiver; a transmitter (Figure 3, Col. 3 lines 11 – 15, in order to communicate bi-directionally the wireless communication device (31) must have a transmitter and receiver); and a processor coupled to the memory unit, the receiver, and the transmitter (Cols. 5 lines 65 – 67, 6 lines 1 – 2), the processor being capable of: sending at least one alert from an originator requesting information about at least one target user (Figure 4, Col. 3 lines 29 – 43); receiving information by the originator in response to the alert (Figure 4, Col. 3 lines 29 – 43), and updating information in the originator about the target user, based on the information received (Cols. 2 lines 1 – 9, 3 lines 29 – 43, in order for the originator (A) to be able to monitor the status of a member or members of a group said originator (A) will update the status information of said member or members upon receiving the PONG message).

Regarding Claims 2, 8, 14, 20, Hall teaches all of the claimed limitations recited in Claims 1, 7, 13, 19. Hall further teaches wherein said sending includes sending a group alert to a group of targets (Col. 3 lines 29 – 43), said receiving includes receiving information from the group of targets (Col. 3 lines 29 – 43), and said updating includes updating information about the group of targets (Cols. 2 lines 1 – 9, 3 lines 29 – 43, in order for the originator (A) to be able to monitor the status of a member or members of

a group said originator (A) will update the status information of said member or members upon receiving the PONG message).

Regarding Claims 3, 9, 15, 21, Hall teaches all of the claimed limitations recited in Claims 2, 8, 14, 20. Hall further teaches updating information in at least one target based on information received from the originator (Col. 3 lines 29 – 43).

Regarding Claims 4, 10, 16, 22, Hall teaches all of the claimed limitations recited in Claims 2, 8, 14, 20. Hall further teaches updating information in at least one target based on information received from at least another target in the group (Cols. 2 lines 1 – 9, any group member, which comprises a target, can monitor the status of other group members, which comprises targets, thus any group member has the capability to update the status information of the other group members).

Regarding Claims 5, 11, 17, 23, Hall teaches all of the claimed limitations recited in Claims 1, 7, 13, 19. Hall further teaches wherein said information includes presence information (Figure 17, Cols. 4 lines 8 – 21, 6 lines 54 – 60, on/off is presence information).

Regarding Claims 6, 12, 18, 24, Hall teaches all of the claimed limitations recited in Claims 1, 7, 13, 19. Hall further teaches wherein said information includes location information (Figure 17, Col. 6 lines 54 – 60, L=lunch or M=meeting is location information).

Regarding Claims 26, 31, 36, 41, Hall teaches all of the claimed limitations recited in Claims 25, 30, 35, 40. Hall further teaches wherein said requesting includes requesting information about a group of target users (Col. 3 lines 29 – 43), and said



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receiving includes receiving information as to whether the group is active or passive (Figure 17, Cols. 2 lines 1 – 9, 6 lines 54 – 60, idle is passive, busy is active).

Regarding Claims 27, 32, 37, 42, Hall teaches all of the claimed limitations recited in Claims 25, 30, 35, 40. Hall further teaches wherein said requesting includes requesting information about a group of target users (Col. 3 lines 29 – 43), and said receiving includes receiving information as to which target user in the group is registered (Figure 17, Cols. 4 lines 8 – 21, 6 lines 54 – 60, if the device is switched on said device is registered).

Regarding Claims 28, 33, 38, 43, Hall teaches all of the claimed limitations recited in Claims 25, 30, 35, 40. Hall further teaches wherein said requesting includes requesting information about a group of target users (Col. 3 lines 29 – 43), and said receiving includes receiving information as to which target user is participating in a current communication session (Figure 17, Cols. 2 lines 1 – 9, 6 lines 54 – 60, idle is passive, busy comprises participating in a current communication session).

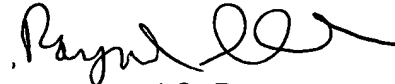
Regarding Claims 29, 34, 39, 44, Hall teaches all of the claimed limitations recited in Claims 25, 30, 35, 40. Hall further teaches wherein said requesting includes requesting information about a group of target users (Col. 3 lines 29 – 43), and said receiving includes receiving location information for the target users (Figure 17, Col. 6 lines 54 – 60, L=lunch or M=meeting is location information).


**Conclusion**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raymond S. Dean whose telephone number is 571-272-7877. The examiner can normally be reached on Monday-Friday 6:00-2:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward F. Urban can be reached on 571-272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Raymond S. Dean  
July 19, 2006

  
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SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600